

Rhasatsha Cluster



CPU: 168 cores @ 2.83Ghz
Memory: 336GB
I/O: 12.1TB
Power Idle: 5.6 kW
Power Peak: 7.5 kW
Theoretical performance: 2 Tflop

Linpack score: coming soon

Job Manager Sun Grid Engine 6.0



Inter-Connect

Model: Extreme Summit 4x0
Ports: 24 x 1Gbit Ethernet



Head Node Specification (1)

Model: X4150
Processors: 1 x E5410 (2.33Ghz) Harpertown 45nm Quad-core
Memory: 4GB FBDIMM
I/O: 2 x 146GB 10K rpm 2.5" SAS

Compute Node Specification (21)

Model: X4150
Processors: 2 x E5440 (2.83Ghz) Harpertown 45nm Quad-core
Memory: 16GB FBDIMM
I/O: 2 x 146GB 10K rpm 2.5" SAS

Storage

Model: 2530
Controllers: 1 x 3 port (3Gbit) SAS/SATA
Memory: 512MB cache
I/O: 12 x 500GB 7200 rpm 3.5" SATA

